

Amendments to the Claims

The listing of claims will replace all prior versions, and listings of claims in the application.

Claims 1-34 (canceled)

Claim 35 (new): A dental cartridge having a volume of between 1.6 mL and 1.8 mL, said cartridge containing a composition comprising about 0.0018 mg and about 0.45 mg phentolamine mesylate or a molar equivalent of another alpha adrenergic receptor antagonist.

Claim 36 (new): The dental cartridge of claim 35, wherein said composition comprises between about 0.09 mg and about 0.45 mg phentolamine mesylate or a molar equivalent of another alpha adrenergic receptor antagonist.

Claim 37 (new): The dental cartridge of claim 35, wherein said another alpha adrenergic receptor antagonist is selected from the group consisting of phentolamine, phentolamine hydrochloride, tolazoline, yohimbine, rauwolsine, doxazosine, labetalol, prazosine, tetrazosine and trimazosine.

Claim 38 (new): The dental cartridge of claim 35, wherein said composition further comprises a pharmaceutically acceptable carrier.

Claim 39 (new): The dental cartridge of claim 35, wherein said cartridge fits into a standard dental local anesthetic syringe.

Claim 40 (new): A dental cartridge having a volume of between 1.6 mL and 1.8 mL, said cartridge containing a composition comprising an alpha adrenergic receptor antagonist at a concentration of from about 0.001 mg/mL to about 0.25 mg/mL.

Claim 41 (new): The dental cartridge of claim 40, wherein said cartridge fits into a standard dental local anesthetic syringe.

Claim 42 (new): The dental cartridge of claim 40, wherein said alpha adrenergic receptor antagonist is selected from the group consisting of phentolamine, phentolamine mesylate, phentolamine hydrochloride, tolazoline, yohimbine, rauwolscine, doxazosine, labetalol, prazosine, tetrazosine and trimazosine.

Claim 43 (new): The dental cartridge of claim 42, wherein said alpha adrenergic receptor antagonist is phentolamine mesylate.

Claim 44 (new): The dental cartridge of claims 40, wherein said alpha adrenergic receptor antagonist is at a concentration of about 0.05 mg/mL to about 0.25 mg/mL.

Claim 45 (new): The dental cartridge of claim 44, wherein said alpha
adrenergic receptor antagonist is present at a concentration of about 0.25 mg/mL.